

FIG. 1

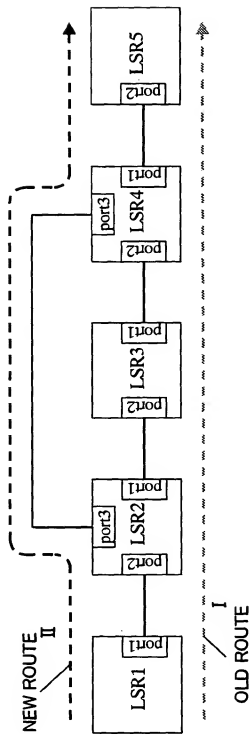


FIG. 2A

LSR1 MANAGEMENT
TABLE

INPUT INFORMATION	LSRID OUTPUT PORT LABEL	OUTPUT PORT LABEL
INFORMATION OF LSR1 TO LSR5	1 1	L21
:	:	:
:	:	:

FIG. 2B

LSR2 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE LSRID	OUTPUT PORT LABEL
1 L21	O 1	L31
:	:	:
:	:	:

FIG. 2C

LSR3 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE LSRID	OUTPUT PORT LABEL
2 L31	O 1	L41
:	:	:
:	:	:

LSR4 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE LSRID	OUTPUT PORT LABEL
2 L41	O 1	L51
:	:	:
:	:	:

LSR5 MANAGEMENT
TABLE

INPUT PORT LABEL	RESERVE LSRID	NOTE
2 L51	O 1	TO UPPER LAYER AFTER DELETING LABEL
:	:	:
:	:	:

FIG. 2D

FIG. 2E

FIG. 3A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION OF LSR1 TO LSR6	LSRID	OUTPUT PORT	OUTPUT LABEL
1	1	1	L21
1	1	1	-
:	:	:	:
:	:	:	:

FIG. 3B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	OUTPUT PORT	OUTPUT LABEL
2	L21	O	1	1
2	L22	O	1	3
:	:	:	:	:
:	:	:	:	:

FIG. 3C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	OUTPUT PORT	OUTPUT LABEL
2	L31	O	1	1
:	:	:	:	:
:	:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	OUTPUT PORT	OUTPUT LABEL
2	L41	O	1	1
3	L42	O	1	1
:	:	:	:	:
:	:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	NOTE
2	L51	O	1
2	L52	O	1
:	:	:	:
:	:	:	:

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FIG. 3D

FIG. 3E

FIG. 4A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSR1D PORT LABEL	OUTPUT PORT LABEL
	1	L21
INFORMATION OF LSR1 TO LSR6	1	L22
:	:	:
:	:	:

FIG. 4B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSR2D PORT LABEL	OUTPUT PORT LABEL
2	L21	O	1
2	L22	O	1
:	:	:	3
:	:	:	L42
:	:	:	:
:	:	:	:

FIG. 4C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSR3D PORT LABEL	OUTPUT PORT LABEL
2	L31	O	1
:	:	:	L41
:	:	:	:
:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSR4D PORT LABEL	OUTPUT PORT LABEL
2	L41	O	1
3	L42	O	1
:	:	:	L51
:	:	:	L52
:	:	:	:
:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSR5D PORT LABEL	NOTE
2	L51	O	1
2	L52	O	1
:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:
:	:	:	:

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FIG. 4D

FIG. 4E

FIG. 5A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSRID	OUTPUT PORT	OUTPUT LABEL
	-	-	-
INFORMATION OF LSR1 TO LSR5	1	1	L22
⋮	⋮	⋮	⋮

FIG. 5B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	OUTPUT PORT	OUTPUT LABEL
2 L21	x	-	-	-
2 L22	○	1	3	L42
⋮	⋮	⋮	⋮	⋮

FIG. 5C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	OUTPUT PORT	OUTPUT LABEL
2 L31	x	-	-	-
⋮	⋮	⋮	⋮	⋮

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	OUTPUT PORT	OUTPUT LABEL
2 L41	x	-	-	-
3 L42	○	1	1	L52
⋮	⋮	⋮	⋮	⋮

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSRID	NOTE
2 L51	x	-	-
2 L52	○	1	TO UPPER LAYER AFTER DELETING LABEL
⋮	⋮	⋮	⋮

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FIG. 5D

FIG. 5E

FIG. 6A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION OF LSR1 TO LSR5	LSPID	OUTPUT PORT	OUTPUT LABEL
1	1	1	L21
1	1	1	-
1	1	1	1
1	1	1	1
1	1	1	1

FIG. 6B

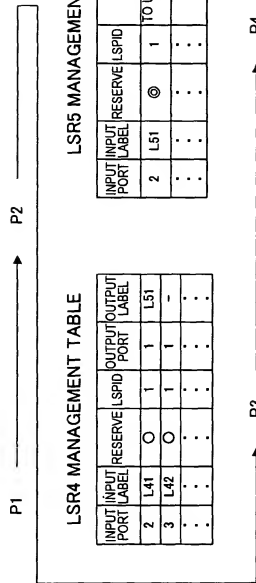
LSR2 MANAGEMENT TABLE

INPUT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L21	⊙	1	L31
1	1	3	-	-
1	1	1	1	1
1	1	1	1	1
1	1	1	1	1

FIG. 6C

LSR3 MANAGEMENT TABLE

INPUT PORT	INPUT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	○	1	1	L41
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1



LSR4 MANAGEMENT TABLE

INPUT PORT	INPUT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L41	○	1	1	L51
3	L42	○	1	1	-
1	1	1	1	1	1
1	1	1	1	1	1
1	1	1	1	1	1

LSR5 MANAGEMENT TABLE

INPUT PORT	INPUT LABEL	RESERVE	LSPID	NOTE
2	L51	⊙	1	TO UPPER LAYER AFTER DELETING LABEL
1	1	1	1	1
1	1	1	1	1
1	1	1	1	1
1	1	1	1	1

FIG. 6D

FIG. 6E

FIG. 7A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSRID	OUTPUT PORT	OUTPUT LABEL
	1	1	L21
INFORMATION OF LSR1 TO LSR5	1	1	L21
.	.	.	.

FIG. 7B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L21	⊙	1	L31
.	.	.	3	L42
.

FIG. 7C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L31	○	1	L41
.
.

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	OUTPUT PORT	OUTPUT LABEL
2	L41	○	1	L51
3	L42	○	1	L51
.
.

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	LSPID	NOTE
2	L51	⊙	1
.	.	.	TO UPPER LAYER AFTER DELETING LABEL
.	.	.	.
.	.	.	.

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←

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←

FIG. 7D

FIG. 7E

FIG. 8A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	LSRID	OUTPUT PORT	OUTPUT LABEL
	-	-	-
INFORMATION OF LSR1 TO LSR2	1	1	L21
⋮	⋮	⋮	⋮

FIG. 8B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE LSRID	OUTPUT PORT LABEL
2 L21	0	1 3 L42
⋮	⋮	⋮

FIG. 8C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE LSRID	OUTPUT PORT LABEL
2 L31	x	-
⋮	⋮	⋮

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE LSRID	OUTPUT PORT LABEL
2 L41	0	-
3 L42	0	1 L51
⋮	⋮	⋮

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LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE LSRID	NOTE
2 L51	0	1 TO UPPER LAYER AFTER DELETING LABEL
⋮	⋮	⋮

FIG. 8D

FIG. 8E

FIG. 9

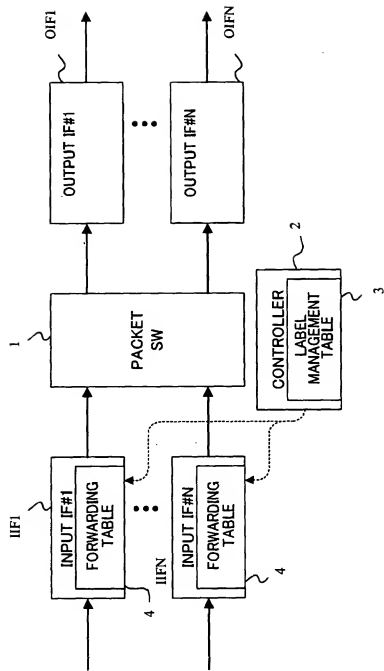


FIG. 10A

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
#1	5	2	#2 4
#1	7	x	-
#2	7	⊗	1 #1 5
#2	7	⊗	1 #3 4

FIG. 10B

INPUT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
5	○	2	#2 4
4	x	-	-
7	⊗	1	#1 5
7	⊗	1	#3 4

FIG. 11A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION OF LSR1 TO LSR5	IDENTIFIER	OUTPUT PORT LABEL
1	1	L21
:	:	:
:	:	:

FIG. 11B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT LABEL
2	L21	O
1	1	L31
:	:	:
:	:	:

FIG. 11C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT LABEL
2	L31	O
1	1	L41
:	:	:
:	:	:

FIG. 11D

LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT LABEL
2	L41	O
1	1	L51
:	:	:
:	:	:

FIG. 11E

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	NOTE
2	L51	O
1	1	TO UPPER LAYER AFTER DELETING LABEL
:	:	:
:	:	:

FIG. 12A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION OF LSR1 TO LSR6	IDENTIFIER	OUTPUT PORT LABEL
1	1	L21
1	1	-
:	:	:
:	:	:

FIG. 12B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT LABEL
2 L21	O	1 L31
:	:	3 -
:	:	:
:	:	:

FIG. 12C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT LABEL
2 L31	O	1 L41
:	:	:
:	:	:
:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT LABEL
2 L41	O	1 L51
3 L42	O	1 -
:	:	:
:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	NOTE
2 L51	⊙	TO UPPER LAYER AFTER DELETING LABEL
:	:	:
:	:	:

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FIG. 12D

FIG. 12E

FIG. 13A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT LABEL
	1	1 L21
INFORMATION OF LSR1 TO LSR6	1	1 L21
⋮	⋮	⋮

FIG. 13B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2 L21	⊙	1	1 L31
⋮	⋮	⋮	3 L42
⋮	⋮	⋮	⋮

FIG. 13C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2 L31	○	1	1 L41
⋮	⋮	⋮	⋮

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	OUTPUT PORT LABEL
2 L41	○	1	1 L51
3 L42	○	1	1 L51
⋮	⋮	⋮	⋮

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	NOTE
2 L51	⊙	1	TO UPPER LAYER AFTER DELETING LABEL
⋮	⋮	⋮	⋮

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FIG. 13D

FIG. 13E

FIG. 14A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
	-	-	-
INFORMATION OF LSR1 TO LSR5	1	1	L21
:	:	:	:

FIG. 14B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	3	L42
:	:	:	:

FIG. 14C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	x	-
:	:	:	:

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	x	-
3	L42	1	L51
:	:	:	:

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE IDENTIFIER	NOTE
2	L51	O
:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:

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FIG. 14D

FIG. 14E

FIG. 15A

FIG. 15B

FIG. 15C

LSR1 MANAGEMENT TABLE

INPUT INFORMATION OF LSR1 TO LSR5	IDENTIFIER	OUTPUT PORT LABEL
1	1	L21
:	:	:
:	:	:

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTI- FIER	OUTPUT PORT LABEL
2	L21	O	低	1	1
:	:	:	:	:	:
:	:	:	:	:	:

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTI- FIER	OUTPUT PORT LABEL
2	L31	O	低	1	1
:	:	:	:	:	:
:	:	:	:	:	:

FIG. 15D

LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTI- FIER	OUTPUT PORT LABEL
2	L41	O	低	1
:	:	:	:	:
:	:	:	:	:

FIG. 15E

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTI- FIER	NOTE
2	L51	O	低	1
:	:	:	:	TO UPPER LAYER AFTER DELETING LABEL
:	:	:	:	:

FIG. 16A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION OF LSR1 TO LSR5	IDENTIFIER	RESERVE	OUTPUT PORT LABEL
1	1	L21	-
1	1	-	-
...

FIG. 16B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT LABEL
2	L21	LOW	1	L31
...

FIG. 16C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT LABEL
2	L31	LOW	1	L41
...

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT LABEL
2	L41	LOW	1	L51
3	L42	-	1	-
...

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	NOTE
2	L51	LOW	1	TO UPPER LAYER AFTER DELETING LABEL
...

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FIG. 16D

FIG. 16E

FIG. 17A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
	1	1	L21
INFORMATION OF LSR1 TO LSR5	1	1	L21
...

FIG. 17B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	⊙		1	L31
...	...	HIGH	1	1	L42
...	...	LOW

FIG. 17C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	○	1	1	L41
...	...	LOW
...

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LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	○	HIGH	1	L51
3	L42	○	LOW	1	L51
...

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	IDENTIFIER	RELEASE PRIORITY	NOTE
2	L51	⊙	HIGH	TO UPPER LAYER AFTER DELETING LABEL
...	...	1	LOW	...
...

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FIG. 17D

FIG. 17E

FIG. 18A

LSR1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
	-	-	-
INFORMATION OF LSR1 TO LSR5	1	1	L21
.	.	.	.

FIG. 18B

LSR2 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L21	LOW	1	3	L42
.

FIG. 18C

LSR3 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L31	x	-	-	-
.

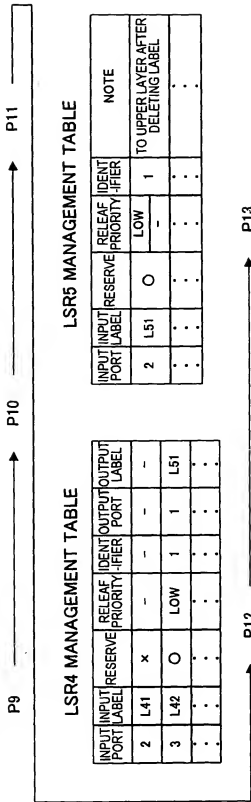


FIG. 18D

LSR4 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	OUTPUT PORT	OUTPUT LABEL
2	L41	x	-	-	-
3	L42	O	LOW	1	L51
.

LSR5 MANAGEMENT TABLE

INPUT PORT LABEL	RESERVE	RELEASE PRIORITY	IDENTIFIER	NOTE
2	L51	O	1	TO UPPER LAYER AFTER DELETING LABEL
.

FIG. 18E

FIG. 19

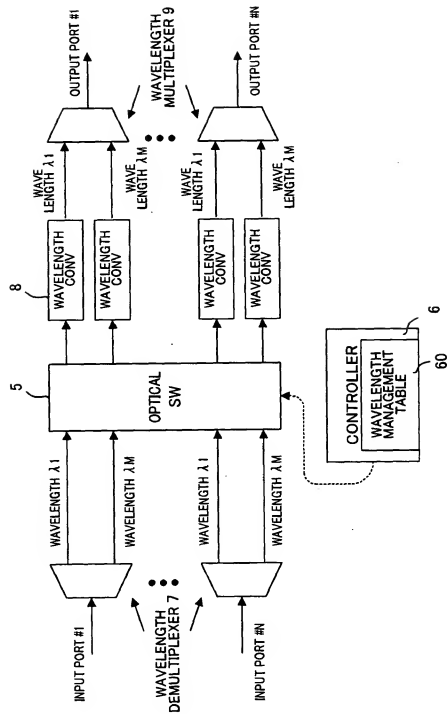


FIG. 20

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENTI- FIER	OUTPUT PORT	OUTPUT WAVE LENGTH
#1	$\lambda 5$	O	2	#2	$\lambda 4$
#1	$\lambda 7$	x	-	-	-
#2	$\lambda 7$	⊙	1	#1	$\lambda 5$
#2	$\lambda 7$	⊙	1	#3	$\lambda 4$

FIG. 21

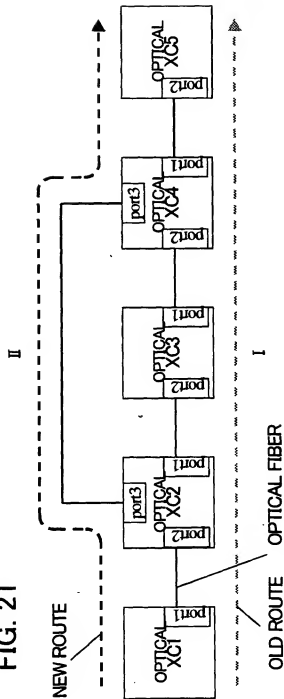


FIG. 22A

OPTICAL XC1 MANAGEMENT TABLE

INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
INFORMATION OF OPTICAL XC1 TO OPTICAL XC3	1	1	$\lambda 21$
.	.	.	.
.	.	.	.

FIG. 22B

OPTICAL XC2 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 21$	O	1	1	$\lambda 31$
.
.

FIG. 22C

OPTICAL XC3 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 31$	O	1	1	$\lambda 41$
.
.

FIG. 22D

OPTICAL XC4 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 41$	O	1	1	$\lambda 51$
.
.

FIG. 22E

OPTICALXC5 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENTIFIER	NOTE
2	$\lambda 51$	O	1	TO UPPER LAYER
.
.

FIG. 23A

OPTICAL XC1 MANAGEMENT TABLE

INPUT INFORMATION	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
INFORMATION OF OPTICAL XC3	1	1	$\lambda 21$
：	1	1	-
：	：	：	：
：	：	：	：

FIG. 23B

OPTICAL XC2 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 21$	⊙	1	1	$\lambda 31$
：	：	：	：	3	-
：	：	：	：	：	：
：	：	：	：	：	：

FIG. 23C

OPTICAL XC3 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 31$	○	1	1	$\lambda 41$
：	：	：	：	：	：
：	：	：	：	：	：

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OPTICAL XC4 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	$\lambda 41$	○	1	1	$\lambda 51$
3	$\lambda 42$	○	1	1	-
：	：	：	：	：	：
：	：	：	：	：	：

OPTICAL XC5 MANAGEMENT TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	IDENT-IFIER	NOTE
2	$\lambda 51$	⊙	1	TO UPPER LAYER
：	：	：	：	：
：	：	：	：	：

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FIG. 23D

FIG. 23E

FIG. 25A

OPTICAL XC1 MANAGEMENT

TABLE			
INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
-	-	-	-
INFORMATION OF OPTICAL XC1 TO OPTICAL XC3	1	1	$\lambda 21$
...

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FIG. 25B

OPTICAL XC2 MANAGEMENT

TABLE			
INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER
2	$\lambda 21$	O	1
...

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FIG. 25C

OPTICAL XC3 MANAGEMENT

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 31$	x	-	-	-
...

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OPTICAL XC4 MANAGEMENT

TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
2	$\lambda 41$	x	-	-	-
3	$\lambda 42$	O	1	1	$\lambda 51$
...

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OPTICAL XC5 MANAGEMENT

TABLE

INPUT PORT	INPUT WAVELENGTH	RESERVE	IDENTIFIER	NOTE	
2	$\lambda 51$	O	1	TO UPPER LAYER	
...	

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FIG. 25D

FIG. 25E

FIG. 26A

OPTICAL XC1 MANAGEMENT
TABLE

INPUT INFORMATION	IDENT -IFER	OUTPUT WAVE PORT LENGTH
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	1
2	1	1
3	1	1

FIG. 26B

OPTICAL XC2 MANAGEMENT
TABLE

INPUT WAVE PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	OUTPUT WAVE PORT LENGTH
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1

FIG. 26C

OPTICAL XC3 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	OUTPUT PORT	OUTPUT WAVE LENGTH
2	1	1	1	1	1	1
3	1	1	1	1	1	1
4	1	1	1	1	1	1

FIG. 26D

OPTICAL XC4 MANAGEMENT
TABLE

INPUT WAVE PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	OUTPUT WAVE PORT LENGTH
2	1	1	1	1
3	1	1	1	1
4	1	1	1	1

FIG. 26E

OPTICAL XC5 MANAGEMENT
TABLE

INPUT PORT	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	NOTE
2	1	1	1	1	TO UPPER LAYER
3	1	1	1	1	1
4	1	1	1	1	1

FIG. 27A

OPTICAL XC1 MANAGEMENT

TABLE			
INPUT INFORMATION	IDENT -IFIER	OUTPUT PORT	OUTPUT WAVE LENGTH
INFORMATION OF OPTICAL XC1	1	1	$\lambda 21$
	1	1	-

FIG. 27B

OPTICAL XC2 MANAGEMENT

TABLE			
INPUT PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER
2 $\lambda 21$	⊙	LOW	1
		-	1

FIG. 27C

OPTICAL XC3 MANAGEMENT

TABLE			
INPUT WAVE PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER
2 $\lambda 31$	○	LOW	1

P1

→

P2

→

OPTICAL XC4 MANAGEMENT

TABLE			
INPUT WAVE PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER
2 $\lambda 41$	○	LOW	1
3 $\lambda 42$	○	-	1

→

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OPTICAL XC5 MANAGEMENT

TABLE			
INPUT WAVE PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFIER
2 $\lambda 51$	⊙	-	1
		LOW	1

→

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FIG. 27D

FIG. 27E

NOTE

TO UPPER LAYER

FIG. 28A

OPTICAL XC1 MANAGEMENT

TABLE			
INPUT INFORMATION	IDENTIFIER	OUTPUT PORT	OUTPUT WAVELENGTH
	1	1	λ_{21}
INFORMATION OF OPTICAL XC1 TO OPTICAL XC5	1	1	λ_{21}
...

FIG. 28B

OPTICAL XC2 MANAGEMENT

TABLE			
INPUT WAVELENGTH	RESERVE	RELEASE PRIORITY	IDENTIFIER
2 λ_{21}	⊙	HIGH	1
...	...	LOW	...
...

FIG. 28C

OPTICAL XC3 MANAGEMENT

TABLE			
INPUT PORT	RESERVE	RELEASE PRIORITY	IDENTIFIER
2 λ_{31}	○	LOW	1
...
...

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OPTICAL XC4 MANAGEMENT

TABLE			
INPUT WAVELENGTH	RESERVE	RELEASE PRIORITY	IDENTIFIER
2 λ_{41}	○	HIGH	1
3 λ_{42}	○	LOW	1
...
...

OPTICAL XC5 MANAGEMENT

TABLE			
INPUT PORT	RESERVE	RELEASE PRIORITY	NOTE
2 λ_{51}	⊙	HIGH	TO UPPER LAYER
...	...	LOW	...
...

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FIG. 28D

FIG. 28E

FIG. 29A

OPTICAL XC1 MANAGEMENT
TABLE

INPUT INFORMATION	IDENT -IFER	OUTPUT WAVE PORT LENGTH
-	-	-
INFORMATION OF OPTICAL XC1 TO OPTICAL XC3	1	$\lambda 21$
·	·	·
·	·	·

FIG. 29B

OPTICAL XC2 MANAGEMENT
TABLE

INPUT WAVE PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	OUTPUT WAVE PORT LENGTH
2 $\lambda 21$	O	LOW	1	3 $\lambda 42$
·	·	·	·	·
·	·	·	·	·
·	·	·	·	·

FIG. 29C

OPTICAL XC3 MANAGEMENT
TABLE

INPUT PORT LENGTH	INPUT WAVE LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	OUTPUT WAVE PORT LENGTH
2	$\lambda 31$	x	-	-	-
·	·	·	·	·	·
·	·	·	·	·	·
·	·	·	·	·	·

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OPTICAL XC4 MANAGEMENT
TABLE

INPUT PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	OUTPUT WAVE PORT LENGTH
2 $\lambda 41$	x	-	-	-
3 $\lambda 42$	O	LOW	1	$\lambda 51$
·	·	·	·	·
·	·	·	·	·

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OPTICAL XC5 MANAGEMENT
TABLE

INPUT PORT LENGTH	RESERVE	RELEASE PRIORITY	IDENT -IFER	NOTE
2	O	LOW	1	TO UPPER LAYER
·	·	·	·	·
·	·	·	·	·
·	·	·	·	·

FIG. 29D

FIG. 29E